

Please add the following new claims:

19. (new) An isolated antibody, which specifically binds a protein selected from the group consisting of:

- (a) a protein whose sequence consists of the amino acid sequence of SEQ ID NO: 2;
- (b) a protein whose sequence consists of amino acids 1 to 380 of SEQ ID NO: 2;
- (c) a protein whose sequence consists of 50 contiguous amino acids of SEQ ID NO:2; and
- (d) a protein whose sequence consists of 30 contiguous amino acids of SEQ ID NO:2.

20. (new) The antibody of claim 19, which specifically binds a protein whose sequence consists of the amino acid sequence of SEQ ID NO:2.

21. (new) The antibody of claim 19, which specifically binds a protein whose sequence consists of amino acids 1 to 380 of SEQ ID NO:2.

22. (new) The antibody of claim 19, which specifically binds a protein whose sequence consists of 50 contiguous amino acids of SEQ ID NO:2.

23. (new) The antibody of claim 19, which specifically binds a protein whose sequence consists of 30 contiguous amino acids of SEQ ID NO:2.

24. (new) The antibody of claim 19, wherein said antibody is polyclonal.

25. (new) The antibody of claim 19, wherein said antibody is monoclonal.

26. (new) The antibody of claim 25, wherein said antibody is produced by a method selected from the group consisting of the hybridoma technique, the trioma technique, the human B-cell hybridoma technique, and the EBV-hybridoma technique.

27. (new) The antibody of claim 19, wherein said antibody is chimeric.

28. (new) The antibody of claim 19, wherein said antibody is humanized.

29. (new) An isolated antibody fragment, which specifically binds a protein selected from the group consisting of:

- (a) a protein whose sequence consists of the amino acid sequence of SEQ ID NO: 2;
- (b) a protein whose sequence consists of amino acids 1 to 380 of SEQ ID NO: 2;
- (c) a protein whose sequence consists of 50 contiguous amino acids of SEQ ID NO:2; and
- (d) a protein whose sequence consists of 30 contiguous amino acids of SEQ ID NO:2.

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30. (new) The antibody fragment of claim 29, which specifically binds a protein whose sequence consists of the amino acid sequence of SEQ ID NO:2.

31. (new) The antibody fragment of claim 29, which specifically binds a protein whose sequence consists of amino acids 1 to 380 of SEQ ID NO:2.

32. (new) The antibody fragment of claim 29, which specifically binds a protein whose sequence consists of 50 contiguous amino acids of SEQ ID NO:2.

33. (new) The antibody fragment of claim 29, which specifically binds a protein whose sequence consists of 30 contiguous amino acids of SEQ ID NO:2.

34. (new) The antibody fragment of claim 29, wherein said antibody fragment comprises a Fab fragment.

35. (new) The antibody fragment of claim 29, wherein said antibody fragment comprises a single chain antibody.

36. (new) The antibody fragment of claim 29, wherein said antibody fragment is chimeric.

37. (new) The antibody fragment of claim 29, wherein said antibody fragment is humanized.

38. (new) The antibody fragment of claim 29, wherein said antibody fragment is the product of an Fab expression library.

39. (new) An isolated antibody, which specifically binds a protein selected from the group consisting of:

- (a) a protein whose sequence consists of the amino acid sequence encoded by ATCC Deposit No. 75899; B
- (b) a protein whose sequence consists of the amino acid sequence of the mature polypeptide encoded by ATCC Deposit No. 75899;
- (c) a protein whose sequence consists of the amino acid sequence of 50 contiguous amino acids encoded by ATCC Deposit No. 75899; and
- (d) a protein whose sequence consists of the amino acid sequence of 30 contiguous amino acids encoded by ATCC Deposit No. 75899.

40. (new) The isolated antibody of claim 39, which specifically binds the protein whose sequence consists of the amino acid sequence encoded by ATCC Deposit No. 75899.

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41. (new) The antibody of claim ~~39~~^B, which specifically binds a protein whose sequence consists of the amino acid sequence of the mature polypeptide encoded by ATCC Deposit No. 75899.

42. (new) The antibody of claim 39, which specifically binds a protein whose sequence consists of the amino acid sequence of 50 contiguous amino acids encoded by ATCC Deposit No. 75899.

43. (new) The antibody of claim 39, which specifically binds a protein whose sequence consists of the amino acid sequence of 30 contiguous amino acids encoded by ATCC Deposit No. 75899.

44. (new) The antibody of claim 39, wherein said antibody is polyclonal.

45. (new) The antibody of claim 39, wherein said antibody is monoclonal.

46. (new) The antibody of claim 39, wherein said antibody is chimeric.

47. (new) The antibody of claim 39, wherein said antibody is humanized.

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48. (new) An isolated antibody fragment, which specifically binds a protein selected from the group consisting of:

- (a) a protein whose sequence consists of the amino acid sequence encoded by ATCC Deposit No. 75899; *B*
- (b) a protein whose sequence consists of the amino acid sequence of the mature polypeptide encoded by ATCC Deposit No. 75899;
- (c) a protein whose sequence consists of the amino acid sequence of 50 contiguous amino acids encoded by ATCC Deposit No. 75899; and
- (d) a protein whose sequence consists of the amino acid sequence of 30 contiguous amino acids encoded by ATCC Deposit No. 75899.

49. (new) The isolated antibody fragment of claim 48, which specifically binds the protein whose sequence consists of the amino acid sequence encoded by ATCC Deposit No. 75899.

50. (new) The antibody fragment of claim 48, which specifically binds a protein whose sequence consists of the amino acid sequence of the mature polypeptide encoded by ATCC Deposit No. 75899.

51. (new) The antibody fragment of claim 48, which specifically binds a protein whose sequence consists of the amino acid sequence of 50 contiguous amino acids encoded by ATCC Deposit No. 75899.

52. (new) The antibody fragment of claim 48, which specifically binds a protein whose sequence consists of the amino acid sequence of 30 contiguous amino acids encoded by ATCC Deposit No. 75899.

53. (new) The antibody fragment of claim 48, wherein said antibody fragment comprises a Fab fragment.

54. (new) The antibody fragment of claim 48, wherein said antibody fragment comprises a single chain antibody.

55. (new) The antibody fragment of claim 48, wherein said antibody fragment is chimeric.

56. (new) The antibody fragment of claim 48, wherein said antibody fragment is humanized.

57. (new) A composition comprising the antibody of claim 19 and a carrier.

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58. (new) A composition comprising the antibody fragment of claim 29 and a carrier.

59. (new) A composition comprising the antibody of claim 39 and a carrier.

60. (new) A composition comprising the antibody fragment of claim 48 and a carrier.

61. (new) A method of producing the antibody of claim 21, comprising:

- (a) introducing the polypeptide of SEQ ID NO:2 or an immunogenic portion thereof into an animal; and
- (b) recovering said antibody.

62. (new) A method of producing the antibody of claim 41, comprising:

- (a) introducing the polypeptide encoded by ATCC Deposit No. 75899 or an immunogenic portion thereof into an animal; and
- (b) recovering said antibody.

63. (new) A method of detecting the polypeptide of SEQ ID NO: 2 in a biological sample comprising:

- (a) contacting a biological sample with the antibody of claim 19; and
- (b) determining the presence or absence of said polypeptide in said biological sample.

64. (new) A method of detecting the polypeptide of SEQ ID NO: 2 in a biological sample comprising:

- (a) contacting a biological sample with the antibody fragment of claim 29 ; and
- (b) determining the presence or absence of said polypeptide in said biological sample.

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65. (new) A method of detecting the polypeptide encoded by ATCC Deposit No. 75899 in a biological sample comprising:

- (a) contacting a biological sample with the antibody of claim 39; and
- (b) determining the presence or absence of said polypeptide in said biological sample.

66. (new) A method of detecting the polypeptide encoded by ATCC Deposit No. 75899 in a biological sample comprising:

- (a) contacting a biological sample with the antibody fragment of claim 48; and
- (b) determining the presence or absence of said polypeptide in said biological sample.

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